

UNDERCABING LIGHTING WITH LIGHT
EMITTING DIODE SOURCE

ABSTRACT OF THE DISCLOSURE

An apparatus (A) for improving the performance of undercabinet lighting includes a housing (10) that receives a plurality of light emitting diodes (LEDs) (28, 30, 32). The LEDs serve as the light source and an optical assembly focuses and disperses the LED output to a desired light contour. The undercabinet lighting assembly further includes a switch (44) formed from a variable resistor adapted to control the level of optical output. The switch is adapted to turn on and off any select number of LEDs. A battery pack (70) having a battery source is enclosed by the housing for providing back up power and emergency lighting. In a preferred embodiment, the battery source automatically provides power to the undercabinet lighting assembly upon primary power failure.